

Claims

- [c001] A quilting frame apparatus comprising:
a polygonal inner frame; and
a removable polygonal outer frame configured to fit snugly
around the polygonal inner frame.
- [c002] The apparatus of claim 1, wherein the polygonal inner frame is
rectangular.
- [c003] The apparatus of claim 1, wherein the polygonal outer frame
includes a plurality of elongate members and wherein the
plurality of elongate members are configured to be connected to
one another in an end to end fashion to form the polygonal outer
frame.
- [c004] The apparatus of claim 3, wherein the plurality of elongate
members are connected using mortise-and-tenon joints.
- [c005] The apparatus of claim 4, wherein each of the mortise-and-tenon
joints is secured with a bolt and nut.
- [c006] The apparatus of claim 1, further comprising:
a support structure, wherein the support structure provides
support to the inner frame.
- [c007] The apparatus of claim 6, wherein the support structure is
adapted to allow the apparatus to be free-standing.

- [c008] The apparatus of claim 6, wherein the inner frame includes a support pin, wherein the support structure includes a support fork, and wherein the support fork is adapted to support the support pin so as to allow the inner frame to pivot about the support pin.
- [c009] The apparatus of claim 8, further comprising:
a rotatable arm associated with the support structure and the inner frame.
- [c010] The apparatus of claim 9, wherein the rotatable arm is adjustable such that a point of attachment between the rotatable arm and the support structure may be relocated to an alternative position in relation to the rotatable arm.
- [c011] The apparatus of claim 10, wherein the rotatable arm includes a slot, and the rotatable arm is attached to the support structure with a bolt and nut, wherein the bolt extends through the slot.
- [c012] The apparatus of claim 9, wherein the rotatable arm is configured so as to permit the inner frame to be raised so as to remove the support pin from the support fork, then lowered into a space-conserving position.
- [c013] The apparatus of claim 1, further comprising:
outer frame supports extending from the inner frame, wherein the outer-frame supports are positioned so as to support the outer frame during installation of the outer frame.

[c014] A quilting frame apparatus comprising:

- a rectangular inner frame having support pins on two opposite sides;
- a rectangular outer frame including four elongate members configured to be connected to one another end-to-end in a rectangular shape and secured with fasteners, wherein the rectangular outer frame is adapted to fit snugly around the rectangular inner frame when the fasteners are tightened;
- a free-standing support structure including two support posts adapted to support the rectangular inner frame by the support pins; and
- adjustable arms connecting the rectangular inner frame to each of the support posts, wherein a viewing angle of the rectangular inner frame may be adjusted by adjusting a relative position of each adjustable arm with respect to a point of connection between that adjustable arm and its corresponding support post.

[c015] A method comprising:

- laying at least one layer of material over a polygonal frame;
- placing a first elongate member against the at least one layer of material such that the at least one layer of material is sandwiched between the first elongate member and a surface of the polygonal frame;
- placing a second elongate member against the at least one layer of material such that the at least one layer of material is

sandwiched between the second elongate member and a surface of the polygonal frame;
fastening an end of the first elongate member to an end of the second elongate member; and
attaching additional elongate members to the first elongate member and second elongate member so as to secure the at least one layer of material to the polygonal frame.

[c016] The method of claim 15, wherein the fastening further comprises:
attaching a mortise associated with the first elongate member to a tenon associated with the second elongate member.

[c017] The method of claim 16, further comprising:
securing the mortise and tenon with a fastener.

[c018] The method of claim 17, further comprising:
adjusting a tension with which the at least one layer of material is secured to the polygonal frame by adjusting the fastener.

[c019] The method of claim 15, further comprising:
sewing through the at least one layer of material.

[c020] The method of claim 15, further comprising:
tying an edge of the at least one layer of material to at least one elongate member so as to prevent the at least one layer of material from coming into contact with a floor.